

# The Gazette of India



## PUBLISHED BY AUTHORITY

SIMLA, SATURDAY, JUNE 22, 1968 (ASADHA 1, 1885)

Separate paging is given to this Part in order that it may be filed as a separate compilation

### PART III—SECTION 2

#### Notifications and Notices issued by the Patent Office relating to Patents and Designs

##### THE PATENT OFFICE

###### Patents and Designs

Calcutta, the 22nd June 1963

###### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

1st June 1963

88231. H. Kohlway. A portable folding container for washing clothes etc.

88232. H. Singh. A device for carrying outfit in tourism.

88233. Wilkins & Mitchell Limited. Raising and clamping means for sliding bolsters. (19th June 1962).

88234. Sperry Rand Corporation. Processor.

88235. British Nylon Spinners Limited. Improvements in or relating to the drawing and crimping of synthetic filaments and yarns. (26th June 1962).

88236. Lansing Bagnall Limited. Improvements in or relating to electrically powered vehicles. (4th June 1962).

88237. Stamicarbon N. V. The preparation of phenols.

88238. Standard Telephones and Cables Limited. Relay contact shearing tool.

88239. Lapis Engineering Company Limited. Improvements relating to hypodermic syringes.

88240. British-American Tobacco Company Limited. Improvements relating to impregnation with menthol of cigarette paper, packing or lining material. (25th June 1962).

88241. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to photo-sensitive semi-conductor devices and photo-sensitive circuit elements for use therein.

88242. N. V. Philips Gloeilampenfabrieken. Novel optical elements and systems.

3rd June 1963

88243. British Nylon Spinners Limited. Improvements in or relating to the crimping of textile fibres. (6th June 1962).

88244. C. A. V. Limited. Liquid fuel pumps for internal combustion engines.

88245. Baumgartner Freres S. A. Electronic current reverser.

88246. "Shell" Research Limited. Molluscicidal dimethyl ether derivatives.

88247. The M. W. Kellogg Company. Production of hydrogen-containing gas.

88248. S. L. Singer. Hot box resins and process of making cores and molds.

88249. Standard Telephones and Cables Limited. Rotative motor which can be used as a pump.

88250. M. Lesavoy. Shorts and method of making same.

88251. Amsted Industries Incorporated. Clamping arrangement for pressure casting apparatus.

88252. N. V. Onderzoekingsinstituut Research. Improvements in or relating to twisting apparatus.

88253. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Improvements relating to the synthesis of urea. (8th June 1962).

88254. Societa' Farmaceutici Italia. Process for preparing lumiergoline derivatives.

4th June 1963

88255. G. Y. M. M. Sheikh. Improvement in or relating to liquid insecticide sprayer.

88256. A. B. Nathawani. Improvements in or relating to louvred window and the like.

88257. Mukul Das. Electric spark discharge machine for erosion of metal.

88258. Aspro-Nicholas Limited. Salicylate therapy. (14th June 1962).

88259. Bird & Co. (Private) Limited. An improved process for briquetting cast iron or steel borings and turnings or mixture of these two materials.

88260. Rhone-Poulenc S. A. Dibenzo [a,d] cycloheptadiene derivatives.

88261. Grainer Manufacturing Company Limited, and Wilkinson Sword Limited. Improvements in temperature change detectors and methods of manufacture thereof. (15th June 1962).

88262. Dulaylite Developments Limited. Honeycomb materials. (22nd June 1962).

88263. Carding Specialists (Canada) Limited. Improvements in or relating to carding machines. [Divisional date 1st November 1961].

88264. Societe Fives Lille-Cails. Multi-purpose three-roller press.

88265. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Aminoisoaxazoles and process for the manufacture thereof.

88266. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Benzo [A] quinolizine compounds and process for the manufacture thereof.

88267. Real Patentauswertungs Anstalt. Operating mechanism for ball point pens and the like which may be pressed in a single piece with the snap members.

88268. Phillips Petroleum Company. Olefin disproportionation and dehydrogenation.

88269. General Electric Company. Electric lamp and manufacture thereof.

88270. E. Merck Aktiengesellschaft. New primary amines and process for their production.

88271. Onezhsky Traktorny Zavod. Improvements in and relating to the hydraulic booster mainly for the steering mechanisms of crawler tractors.

88272. Sumitomo Chemical Company, Ltd. Microbicidal composition.

88273. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Optical brighteners.

88274. Maj Gen B. D. Kapur. Automatic locating of the "launching ground position/ground impact point" by radar observation of a mortar following parabolic trajectory after launch from an unknown ground position.

5th June 1963

88275. Sudhirendra Das Gupta. Self operating hydraulic pump.

88276. Sudhirendra Das Gupta. Self operating hydraulic pump.

88277. J. R. Darukhanawalla. Automatic switch for radio sets.

88278. E. Y. Ranade. Improvements in a device for heating liquids, [Addition to No. 72543].

88279. Associated Electrical Industries Limited. Improvements in or relating to power plants. (25th June 1962).

88280. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to 11,17, 21-trihydroxy-9  $\beta$  10  $\alpha$ -pregn-4-en-3, 20-dione and methods for their manufacture.

88281. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to galvanic elements.

88282. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to methods of soft-soldering on a nickel surface and body having a soldering joint obtained by said method.

88283. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods and devices for passing a wire through a narrow aperture at the end of a cavity.

88284. N. V. Philips Gloeilampenfabrieken. Novel optical elements and systems.

88285. Union Carbide Corporation. Butane oxidation.

88286. The Babcock & Wilcox Company. Vapor generator.

88287. Merck & Co., Inc. Steroid compounds and processes for making same.

88288. Ktl Research and Development Corporation. Measurement and control of the modulus of elasticity in filar structures.

88289. Helcon International, Inc. Chemical process.

88290. Helcon International, Inc. Chemical process.

88291. Helcon International, Inc. Chemical process.

88292. The Singer Manufacturing Company. Stands for sewing machine cabinets.

88293. Sealed Power Corporation. Improvements in and relating to piston ring assemblies.

88294. Aktiebolaget Bofors. Air vehicle, e.g. missile, rocket or the like, provided with roll-stabilizing gear.

88295. Sperry Rand Corporation. Electrical contact.

88296. Paper Tube Manufacturing Company (Private) Limited. Card board tubes.

88297. (Mrs.) Jannabai Purushottam Asar. Opening, combing and carding machine.

88298. Ministerul Industriei Petrolului Si Chimie. Process for preparing derivatives of the malonic ester, derivatives of the barbituric acid and pyrazolidindiones.

6th June 1963

88299. Ciba Limited. Manufacture of N-substituted azacycles.

88300. Ciba Limited. Manufacture of azacycles.

88301. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for the production of fluorinated olefins.

88302. Societa Farmaceutici Italia. Process for preparing lumilysergol derivatives.

88303. J. R. Geigy A. G. Stabilization of polyvinyl chloride compositions with salts of organically substituted phosphite compounds.

88304. Mineralimpex Magyar Olaj- és Banyatermek Kukkereskedelmi Vallalat. Process for preparing dispersions of high grade of dispersity containing bentonite, caolinite, illite and allevardite.

88305. General Motors Corporation. Scraper assembly.

88306. Sperry Rand Corporation. Reliability checking system for data sensing.

88307. Sperry Rand Corporation. Comb roller adjustment mechanism for electric dry shavers.

88308. Gebruder Klocker (Kloecker) o.H.G. Loom shuttle

88309. Metallgesellschaft Aktiengesellschaft. Process and equipment for reduction of agglomerated (pelletized) iron oxides to sponge iron.

7th June 1963

88310. R. N. Aggarwal. Fishing net float ball.

88311. Griffwood, Inc. Art of sawmilling.

88312. Imperial Chemical Industries Limited. Aldehyde polymerisation process. (12th June 1962).

88313. Imperial Chemical Industries Limited. Improved process for the production of polyaldehydes. (12th June 1962).

88314. Siemens & Halske Aktiengesellschaft. Improvements in or relating to parametric amplifiers. (24th April 1963).

88315. N. V. Research Laboratorium Dr. C. Janssen. New compounds.

88316. Willy Scheuerle. Heavy duty truck with two under carriages which are arranged one behind the other.

88317. Veb Spinnereimaschinenbau Karl-Marx-Stadt. Driving gear for the ring rails and the balloon catches or thread guides of a double-sided ring spinning frame or ring twisting frame.

88318. The British Petroleum Company Limited. Process for the removal of straight chain hydrocarbons from petroleum fractions.

88319. Pirelli Societa per Azioni. Improvements in or relating to pneumatic tyres for vehicle wheels. (1st May 1963).

88320. Buss A.G. Process for obtaining hydrofluoric acid from hydrofluosilicic acid.

88321. Pliva Pharmaceutical and Chemical Works. Process for the preparation of bromomethylate of the diethyl-amino-ethylic ester of the phenyl-cyclohexyl-hydroxi-acetic acid.

88322. Pliva Pharmaceutical and Chemical Works. Process for the preparation of sulphonamides.

88323. Pliva Pharmaceutical and Chemical Works. Process for the isolation and obtaining of the antibiotic oxytetracycline.

88324. Ciba Limited. Manufacture of di-substituted azacycles.

88325. Ciba Limited. Manufacture of aralkyl-amines.

88326. Ciba Limited. Manufacture of aralkyl-amines.

88327. Ciba Limited. Manufacture of aryl ethers.

88328. K. Fritz. Galvanizing or aluminium plating furnace. (16th May 1963).

88329. K. Fritz. Metals furnaces heating covers. (16th May 1963).

88330. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Stabilized polyoxymethylene compositions.

88331. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Polymeric compositions.

88332. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Vulcanizable compositions on the basis of olefin polymers or copolymers, a process for their vulcanization and articles thus obtained.

#### Alteration of Date

82548. The claim to priority date 6th April 1962 has been disallowed and the application dated as of 1st June 1962, the date of filing in India.

85768. Ante-dated to 11th September 1961 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

78310. Rabindra Nath Chatterjee. Insecticidal compositions. Accepted on 1st June 1963.

*Comprising a mixture of compound of the formula  $X.C_6H_4.CH.CY-C_6H_4.X$  (X and Y are chlorine or bromine, Pyrethrine and naphthol.*

78318. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Complex metal compounds of water-insoluble azo-dyestuffs, process for their manufacture and fibrous materials dyed with said dyestuffs. Accepted on 1st June 1963.

*Wherein a diazonium compound of an amine is coupled with an arylamide of an aromatic or heterocyclic ortho hydroxy carboxylic acid or of an acylacetic acid.*

78326. The Bowater Research and Development Company Limited. Process and device for the production of dried liquid-free continuous flexible sheet material. (2nd September 1960). Accepted on 3rd June 1963.

*In which the gaseous medium after flowing over and leaving outer surface of the material flows transversely to exhaust zones.*

78348. Reynolds Metals Company. Method for the treatment of anodic coatings or aluminium. Accepted on 3rd June 1963.

*Applying to the coating a dilute aqueous solution of a water soluble basic organic nitrogen compound which does not contain a polar substituent.*

78365. G. Neidl. Rotary pumps for delivery of sewage thick slurries and the like liquids. [Addition to No. 65651]. Accepted on 5th June 1963.

*A rotary pump, in accordance with Indian Patent No. 65651, having a screw conveyor used to feed the rotary pump with the material to be treated being itself fed through a funnel or hopper.*

78366. The Kanan Devan Hills Produce Co., Ltd. Tea harvesting shearing device. Accepted on 1st June 1963.

*Comprising a leaf-collecting receptacle having an open front end which is mounted upon a fixed blade of a pair of shears of which the other blade is a movable.*

78386. The Carborundum Company. Coated abrasive products. Accepted on 1st June 1963.

*Wherein the bond to hold the abrasive grains to a backing comprises a mixture of epoxide, pyromellitic dianhydride, an unsaturated reaction diluent and an initiator.*

78392. Sandvikens Jernverks Aktiebolag. Improvements in or relating to tool holders. Accepted on 4th June 1963.

*Comprises a tool holder shank having an insert site for a cutting insert and clamping means for the insert provided with a backing up surface.*

78405. Dr. G. Eigenmann. Device for mechanical laying of elastoplastic materials for horizontal road signaling. Accepted on 5th June 1963.

*Support means and progressive ejection of elastomeric material, feeding means of the material in a contact point with road surface, adhesive-processing means of at least one of two surfaces destined to get into contact.*

78406. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of substituted and unsubstituted linear quinacridone dyestuffs and lacquers and plastic which have been coloured with said unsubstituted or substituted dyestuffs. Accepted on 6th June 1963.

*An alkali metal salt of a 2:5-diarylaminoterephthalic acid is condensed with polyphthoric acid.*

78557. Shippelle Limited. Improvements in jet propelled boats. Accepted on 5th June 1963.

*Comprising a power unit driven impeller mounted within a conduit having an induction opening, a second opening and a deflector member.*

78562. Chemical Services (Pty.) Ltd. Improvements in and relating to detergent compositions. (23rd September 1960). Accepted on 1st June 1963.

*Comprising a water-soluble organic detergent and an inorganic salt in the form of solid particles being in the form of irregularly shaped spongy coherent aggregate and having apparent density of less than 0.45 grams per cubic centimeter.*

78658. B. Prashad. Machine for producing metallic or non-metallic beads pen stands and similar articles. Accepted on 6th June 1963.

*Comprising a base, a tube mounted rotatably thereon between bearings, provisions for engaging a metallic or non-metallic work piece within tube and sharp tools provided in conjunction with work piece for converting same into required shape and boring it and tools for cutting the worked piece.*

78683. Ciba Limited. Highly polymeric dyestuffs and process for their manufacture Accepted on 6th June 1963.  
*Reacting a substance of high molecular weight with an organic dyestuff or dyestuff-intermediate product in aqueous medium and in the presence of acid binding agent*

78760. A N D'Silva. Improved flat paper file. Accepted on 4th June 1963.  
*The cover having three or more accordion pleats at the back, the shanks being fitted to the lower flap of the cover and the platen fitted to the topmost pleat.*

79454. The Mining Engineering Company Limited. Improvements relating to belt conveyors. Accepted on 3rd June 1963.  
*In which the loaded run of the belt is supported by troughed idler roller assemblies*

79606. Union Carbide Corporation. Flame-resistant urethane foams Accepted on 1st June 1963.  
*By reaction of a polyether and an organic polyisocyanate in the presence of tris (2,3-dibromopropyl) phosphate*

79610. Knorr Bremse Kommanditgesellschaft. Elastic buffer gear for rail cars. Accepted on 1st June 1963.  
*Having several spring systems with a centre buffer, characterised by means for optionally connecting or disconnecting at least one of the spring systems.*

79634. Knorr-Bremse G.m.b H. Controlling device for electro-pneumatic compressed air brake of rail vehicles. Accepted on 3rd June 1963.  
*In which the magnet valve is a two way valve and connects the control line branch to a pressure regulator.*

79639. Farbwerke Hoechst Aktiengesellschaft, vormals Meister Lucius & Bruning. Organic dyestuffs and process for their manufacture. Accepted on 4th June 1963.  
*A dyestuff containing one or more reactive halogen atoms and, if desired, groups imparting solubility in water is condensed with a N-ethionylamino arylamine or a N-isoethionylamino arylamine.*

79642. Ciba Limited. New water-insoluble monoazo-dyestuffs and process for their manufacture and use. Accepted on 4th June 1963.  
*Wherein diazotized 2-amino-5-nitrothiazole is coupled with a N:N-dialkylaniline.*

79648. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A. Process for the preparation of spinning dopes of acrylonitrile polymers Accepted on 5th June 1963.  
*Spinning a solution of acrylonitrile polymers containing acetylation product of starch.*

79652. Lansing Bagnall Limited. Improvements in or relating to industrial trucks Accepted on 5th June 1963.  
*For supporting an industrial truck a foot having a hollow underside with a rim facing the ground around the hollow portion and an air pressure supply to the hollow interior.*

79657. Deering Milliken Research Corporation. Fugitive tints and process for their preparation. Accepted on 5th June 1963.  
*Comprises linking ethylene oxide with at least one member selected from a dyestuff or a compound capable of being reacted to give a dyestuff.*

79681 National Bulk Carriers, Inc Dredge Accepted on 6th June 1963.  
*Comprising a hull, an elongated horizontally extending boom pivotally supported on said hull, a discharge pipe extending along said boom and means in said hull for directing dredged material into said discharge pipe.*

79688 United States Steel Corporation Method of making tin plate Accepted on 7th June 1963.  
*Electrolytically depositing a coating of tin on low carbon steel strip, heating the strip above the melting point of tin and cooling it to a temperature below said melting point to arrest alloy formation and repetition of the above process.*

79694. P Ladoues and H Lacoste Tuzan. Automatic device for centering, in a vertical plane, the axles of railway equipment during the course of machining on a bench for re-profiling in position Accepted on 6th June 1963.  
*Constituted by two slides moving in vertical guides, each slide comprising two driving rollers with horizontal axes which being strictly symmetrical with respect to a single vertical plane parallel to re profiling bench.*

79727 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. A water insoluble yellow monoazodyestuff, process for its manufacture and printing inks which have been coloured with said monoazo-dyestuff Accepted on 1st June 1963.  
*A process wherein 1 amino-2 nitro-4 chlorobenzene is diazotized and the diazo compound is coupled with 1 (acetoacetylarnino) 2 methyl-4-chlorobenzene.*

79728. Zavody V I Lenina Plazen, Narodni Podnik. Suspension of the working parts of sorting apparatus and similar device Accepted on 7th June 1963.  
*A three-point suspension being provided whereby two of the suspension points have one degree of freedom whereas the third point has two degrees of freedom*

79739 Bundy Tubing Company Apparatus for conveying and feeding elongate workpieces. Accepted on 5th June 1963.  
*Comprising a conveyor formed by a pair of endless flexible bands each having a series of spaced-apart workpiece carrying receptacles along its length, means mounting said bands for longitudinal movement.*

79755. J Dichter (Dr. Ing. E H.). Machine for manufacturing vials. Accepted on 5th June 1963.  
*A bottom forming mould swingable means held by springs against a stop in a first position, mould is positioned under the glass tube on which the bottom is to be formed by the mould.*

79764. J G. H. Ollier, G. F Grosshans and R. G. Masson. Improvements in packaging and similar machines. Accepted on 4th June 1963.  
*Comprising a supporting frame including guide means comprising at least one elongated guide member, a plurality of treating units for the thermo-plastic material mounted on the guide means and adjustable lengthwise of the guide member and first and second reel holders both adapted to hold reels of the thermo plastic material in strip form.*

79831 Svenska Aktiebolaget Bromsregulator. Device for adjusting the clearance between brake members and the surfaces against which they are applied. Accepted on 7th June 1963.  
*Rocking angle-lever and slideway piece are so designed that at least one to-and-fro rocking motion is imparted to the casing both during brake application stroke and brake release stroke.*

79839. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Aminoazo compounds of the benzimidazole series and process for their manufacture. Accepted on 6th June 1963.  
*Coupling a diazonium compound of aromatic or heterocyclic amine with 7-amino benzimidazole.*

79854. Accumulatoren-Fabrik Aktiengesellschaft. Electrodes for electric lead accumulators. Accepted on 7th June 1963.  
*Active mass of lead dust and lead sulphate is heated as the electrode is being produced, in which up to 50% by weight of the mixture consists of lead sulphate.*

79885. Shell Internationale Research Maatschappij N. V. Modified polypropylene and process for producing it. Accepted on 4th June 1963.  
*Polymerising propylene by contact with a highly stereospecific polymerisation catalyst at polymerizing conditions to produce crystalline polypropylene.*

79898. Rheinstahl Industrie-Planung G.m.b.H., Prof. Dr. Ing. H. Schenck and Dr.-Ing. W. Wenzel. Methods of reducing iron ores in rotary furnaces with gaseous and liquid reducing agents. Accepted on 3rd June 1963.  
*Gas injected into a furnace containing fine grained ore.*

79980. The Dow Chemical Company. Walled buildings and structures and methods and means for producing them. Accepted on 3rd June 1963.  
*Comprising a continuously spirally wound strip having abutting surfaces along adjacent turns, said surfaces being sealed together.*

79984. Crawford Collects Limited. Improvements in or relating to feed fingers. (30th December 1960). Accepted on 7th June 1963.  
*The arrangement is such that the grip of the feed finger can be varied by relative rotation of the barrel and the screw adapter.*

80066. "Shell" Research Limited. Harbicidal compositions containing halogenated thiobenzamides. Accepted on 6th June 1963.  
*Reacting corresponding halobenzonitrile with hydrogen sulphide.*

80067. Pittsburg Plate Glass Company. Method and apparatus for bending glass sheets. Accepted on 4th June 1963.  
*Critical portion of the marginal edge portion of the glass sheet being heated at a sufficiently rapid rate than that of other interior regions.*

80166. Montecatini Societa Generale per L'Industria Mineraria E Chimica. Polymer compositions. Accepted on 5th June 1963.  
*Comprising a polymer A consisting of a linear poly-alpha-olefin and another polymer B obtained by the polymerisation of an alkyl ester.*

80271. Sandoz Ltd. Water-soluble reactive disazo dyes, their process of production, and process of dyeing. [Addition to No. 75557]. Accepted on 6th June 1963.  
*Comprises coupling 1 mol of the diazo compound of an amine with 1 mol of a metallized or unmetallized mono azo dye.*

80324. Dunlop Rubber Company Limited. Improvements relating to the curing of elastomeric materials. (2nd February 1961). [Addition to No. 74411]. Accepted on 4th June 1963.  
*Heating one or more elastomers with sulfur as curing agent and an aliphatic amine carbamate as accelerator.*

80363. Ciba Limited. Water insoluble disazo dyes, their manufacture and use. Accepted on 6th June 1963.  
*Coupling diazo compound of aminoazo dye with a hydroxy benzene which couples at p-position to the hydroxy group.*

80474. Ciba Limited. Process for the manufacture of dioxazine dyes. [Addition to No. 72129]. Accepted on 6th June 1963.  
*By heating the corresponding quinones in the absence of condensing agents.*

80529. Societe Grenobloise d'Etudes et d'Applications Hydrauliques sogreah and Commissariat A L'Energie Atomique. Process and apparatus for the treatment of water. Accepted on 6th June 1963.  
*Comprising first column in which water to be purified is treated in a mixed bed of anion and cation exchangers, second column wherein anion and cation exchangers are separated and two other columns in which separated anion and cation exchangers are discharged.*

80540. United Carbon Company, Inc. Preparation of carbon black. Accepted on 4th June 1963.  
*Comprises introducing a predetermined amount of a modulus control agent selected from the group consisting of calcium and strontium.*

80541. Ciba Limited. Water-insoluble anthraquinone dyes and process for their manufacture. Accepted on 6th June 1963.  
*Treating an anthraquinone dye with a halogenating agent.*

80547. W. C. Heraus GMBH. Golden coloured sheets and foils of metallised synthetic material. Accepted on 5th June 1963.  
*Characterized in that unto one side of the material is evaporated under vacuum firstly a yellow coloured layer and then a silver-coloured metal.*

80672. Westinghouse Electric Corporation. An elongated solid body of a material crystallizing in the diamond cubic lattice structure and process of producing the same. Accepted on 6th June 1963.  
*Comprising atleast two elongated dendritic crystals extending parallel to each other and being crystallographically joined by a thin wedged portion of substantially uniform thickness extending between two dendritic crystals over the entire length of body.*

80724. Imperial Chemical Industries Limited. Method for manufacturing plastic tubes and tubular firms by passage through nip rollers. (14th February 1961). Accepted on 6th June 1963.  
*The tube is passed between nip rollers, and is prevented from being wholly flattened at its edges where it passes through nip by having two stationary probes.*

80872. Daiki Engineering Co., Ltd. Supporting pillar for electrolytic cell. Accepted on 7th June 1963.  
*Wherein the lower insulator is placed on base stand to be movable in up and down directions.*

80944. Dunlop Rubber Company Limited. Leather-like sheet material and a method of making such material. (2nd March 1961). Accepted on 1st June 1963.  
*Comprises a mat of crimped continuous fibres bonded together with a resinous or elastomeric bonding agent.*

81213. Ciba Limited. Process for the production of dyed gelatine. Accepted on 6th June 1963.  
*Gelatine is reacted with water-soluble reactive dyes.*

81275. Metal Film Company, Inc. Improvements in or relating to multi-colored metallized webs. Accepted on 1st June 1963.  
*Arranged to be slit to form multi-colored metallized threads, the web comprising a flexible transparent thermoplastic web, a metal deposit coating one surface of the web, a transparent film covering the metal deposit, discrete color areas printed on the film.*

81511. Engelhard Industries, Inc. Method and composition for decorating glass ceramics. Accepted on 5th June 1963.

*Comprising applying a precious metal decorating composition to glass article, maintaining said article at elevated temperature for a sufficient time.*

81578. Phillips Petroleum Company. Improvements in or relating to the production of polymers. Accepted on 4th June 1963.

*Contacting a conjugated diene with an organolithium polymerization initiator dispersed in a hydrocarbon medium.*

81701. Siemens-Schuckertwerke Aktiengesellschaft. A process for use in the production of a semi-conductor device. Accepted on 7th June 1963.

*Wherein the semi-conductor material is deposited from the gas phase on a heated semi-conductor support crystal.*

81785. Imperial Chemical Industries Limited. Manufacture of 2-benzthiazylsulphenomorpholide. (3rd May 1961). Accepted on 6th June 1963.

*Comprises interacting a metal salt of mercapto-benzthiazole and N-chloromorpholine in an aqueous medium at a pH between 9.0 and 13.0 and that one or more water soluble salts of an alkali or alkaline earth metal and inorganic acid are added to maintain the concentration of said salts.*

81838. Dana Corporation. Improvements in or relating to drive line brake. Accepted on 5th June 1963.

*Comprising in combination a power transmission having a housing and being adapted to supply rotative power, a brake, a power shaft means driven by transmission and universally movable relative thereto.*

81888. Inventa A.G. Fur Forschung Und Patentverwertung. Process for separating the substances obtained in the saponification of cyclohexane oxidation products. Accepted on 4th June 1963.

*Comprises acidifying the saponification liquor, separating into two layers A and B, extracting B with a solvent and separating into C and D, extracting A with a solvent and separating into E and F, combining F and D and extracting and separating the upper layer G, distilling the solvent off solution G, and separating the lactones by crystallisation.*

81947. International Business Machine Corporation. Improvements in electric pulse signal translating circuits. Accepted on 7th June 1963.

*Comprises a variable gain amplifier arranged to receive input pulse trains of constant p.r.f.*

82038. H. Laske. Process and device for the manufacture of extremely thin shaped elements of metal. [Addition to No. 75864]. Accepted on 7th June 1963.

*Drawn or rolled out metal shaped elements are conveyed before the evaporation of the coating through a closed chamber in which by local heating evaporation is activated and by cooling condensation.*

82208. R. Dayal. An improved portable cabinet for hand sewing machines. Accepted on 5th June 1963.

*Rectangular opening being adapted to be closed or opened by sliding a sliding shutter into or out of the opening and the shutter being locked with top panel by means of locking means.*

82212. National Castings Company. Load gripping device. Accepted on 7th June 1963.

*Includes a pair of separable jaws defining between them is the load receiving region.*

82215. Gajjar Watch Company. Improvements in or relating to duplicating machine. Accepted on 5th June 1963.

*Characterised in that the drum has perforations on its surface and is provided with means for supplying ink on the inking roller which is fitted inside the drum and stencil heads for fixing the stencil master and the drum can be rotated by means of hand-operated lever fitted to one end of its shaft without any gearing arrangement and impression roller is placed below the drum.*

82482. National Castings Company. Lockable lifting device. [Addition to No. 82212]. Accepted on 7th June 1963.

*Includes a lock, wherein a lock condition may be established.*

82548. The International Nickel Company of Canada, Limited. Nickel-copper alloy welding electrode. Accepted on 4th June 1963.

*Comprising a nickel-copper core wire and flux, the wire comprises 15—45 per cent. Cu, 10 per cent iron, upto 8 per cent Mn, 1.5 per cent Si, 1 to 4 per cent Al, .3 to 3 per cent titanium, less than .12 per cent C with the balance essentially nickel in an amount of at least 50 per cent, flux comprising 10—80 per cent MnCO<sub>3</sub>, 40 per cent alkaline earth carbonate.*

82561. Universal Electric Company. Improvements in or relating to bearing structures. Accepted on 7th June 1963.

*Comprises bearing member having a ring and bore for the reception of the shaft and a support providing the supporting surface.*

82707. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to circuits for switching out a block signal without distortion at any arbitrary moment. Accepted on 7th June 1963.

*Comprises means to produce needle like pulses corresponding to the leading and trailing edge of the block signal.*

82708. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to apparatus for drying suspended articles, such as moist envelopes for filament lamps, discharge tubes and the like. Accepted on 7th June 1963.

*Includes means wherein the particles to be dried are moved along, so that at least part of their path they are inclined.*

82716. J. A. Dombrovskis. Process for the manufacture of plates or molded bodies. Accepted on 7th June 1963.

*Consists of perforated core body that is coated with a protective layer that can be hardened.*

82730. Österreichische stickstoffwerke Aktiengesellschaft. Methods of producing acrylonitrile and methacrylonitrile. Accepted on 7th June 1963.

*Reacting propylene or isobutylene, ammonia and oxygen at a temperature of 400° to 520°C in the presence of a catalyst which contains bismuth phosphomolybdate on a silicic acid support, the said catalyst being applied as a coating to compact crystalline contact cores having a grain size of from 1 to 8 mm. and a maximum porosity of 10%.*

82794. Commissariat A L' Energie Atomique. Method of manufacturing metallurgical products having a homogeneous metallographic structure throughout its mass and a considerable stability at high temperatures. Accepted on 4th June 1963.

*Subjecting the metal powder having a maximum size less than 1 mm, to a physical or chemical treatment to create on the surface of each particle a film of a compound to prevent or reduce diffusion, the treated powder being subjected to a gradually increasing heating step in vacuo.*

82895. CSF-Compagnie générale de télégraphie sans Fil. Linear accelerators. (23rd March 1962). Accepted on 1st June 1963.

*Which includes a wave guide having a geometrically periodical structure formed by transverse irises periodically distributed along the length of the wave guide.*

82933. Shell Internationale Research Maatschappij N. V. Process for the hydroformylation of olefinic compounds. Accepted on 6th June 1963.

*Contacting the compound with CO and H<sub>2</sub> in the presence of a catalyst comprising cobalt complex containing a N-containing organic molecule.*

83058. Amsted Industries Incorporated. Casting cooling apparatus. Accepted on 4th June 1963.

*Allowing casting to cool in ambient atmosphere to temperature slightly below critical temperature of the metal of which the casting is composed, directing a flow of cooling air and water against the casting.*

83578. J. Stone & Company (Deptford) Limited. Improvements relating to driving arrangements for generators. (23rd August 1961). Accepted on 4th June 1963.

*The pulley encloses step-up toothed gearing and a pinion provided on the generator shaft, which projects freely into the said pulley eccentrically of the latter.*

83582. British Insulated Callender's Cables Limited. Improvements in or relating to jointing electric conductors. (9th August 1961). Accepted on 7th June 1963.

*In jointing a malleable metal sleeve to malleable electric conductors, the method includes the steps of simultaneously locally indenting the wall of the sleeve and the underlying surface of the conductor at one or more places.*

83657. The International Nickel Company (Mond) Limited. Improvements in nickel-chromium-iron alloys. (11th August 1961). [Addition to No. 75729]. Accepted on 6th June 1963.

*Containing 16 to 17% chromium, .04 to .08% C, 3—3.5% molybdenum and 37 to 50% nickel.*

83955. Cummins Engine Company, Inc. A piston. Accepted on 7th June 1963.

*A crown having at least one groove there-around to receive a ring and a skirt having a bore therethrough to receive a connecting rod wrist pin and a straight intermediate portion and upper and lower end portion tapered inwardly from said intermediate portion.*

85768. Nelvale Limited, (formerly known as Lustrafil Limited). Improvements in thread treating machines. [Divisional date 11th September 1961]. Accepted on 5th June 1963.

*At least two thread storing and advancing main rolls to be embraced by loops of thread and whose axes converge slightly towards the discharge end of the machine and an intermediate treatment roll unit located symmetrically between said main rolls.*

#### Opposition Proceedings

(1)

An opposition has been entered by Bata Shoe Company Private Limited to the grant of a patent on application No. 75862 made by Hellmuth Lemm.

(2)

An opposition has been entered by Bata Shoe Company Private Limited to the grant of a patent on application No. 75863 made by Hellmuth Lemm.

#### Patents Sealed

76117. 76319. 76414. 76454. 76619. 76666. 76802. 76848. 76909. 76965. 76997. 77006. 77055. 77754. 77907. 77953. 78286. 78287. 78460. 78461. 78625. 78674. 78691. 78698. 78743. 78792. 78798. 78843. 79030. 79041. 79086. 79101. 79119. 79206. 79354. 79368. 79401. 79459. 79502. 79568. 79581. 79600. 79781. 79799. 79829. 79888. 79951. 80008. 80023. 80091. 80157. 80352. 80184. 80617. 80888. 84336.

#### Amendment Proceedings

The amendment proposed by Standard Oil Company in respect of Patent application No. 66070 as advertised in the Gazette of India Part III, Section 2 dated the 23rd February 1963 has been allowed.

#### Registration of Assignments, Licences, etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

66985      }  
74280      }  
74281      }  
74282      } American Machine & Foundry Company.

42215      }  
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59182      }  
70535      } Martin Marietta Corporation.

#### Renewal Fees Paid

39953. 40072. 40174. 42271. 43279. 43441. 43480. 43737. 43822. 41341. 45309. 45970. 46479. 47420. 47437. 47451. 47455. 47156. 47489. 47521. 47621. 47721. 47735. 47752. 47797. 47875. 48019. 48030. 48106. 48109. 48114. 49680. 49703. 49787. 49825. 49826. 49912. 50002. 50271. 50430. 50437. 50164. 52049. 52050. 52051. 52057. 52173. 52196. 52240. 52290. 52363. 52400. 52419. 52429. 52467. 52532. 52643. 52687. 52688. 53012. 53068. 53077. 53514. 53515. 54651. 54664. 54707. 54734. 54749. 54886. 54936. 54952. 55114. 55119. 55175. 55185. 55192. 55805. 57232. 57320. 57350. 57509. 57513. 57538. 57558. 57561. 57582. 57697. 57708. 57723. 57773. 57774. 58021. 58081. 58097. 58098. 58134. 58225. 58312. 58313. 58314. 58315. 58316. 58317. 58318. 58525. 58556. 58645. 58714. 58828. 58829. 58995. 59063. 59400. 59401. 60097. 60098. 60522. 60722. 60751. 60840. 61003. 61014. 61016. 61043. 61050. 61059. 61060. 61097. 61130. 61141. 61290. 61294. 61345. 61383. 61414. 61426. 61483. 61547. 62258. 62259. 62973. 63612. 63716. 64214. 64273. 64323. 64397. 64445. 64456. 64507. 64514. 64521. 64552. 64578. 64743. 64779. 64798. 64805. 64880. 64934. 64963. 64965. 64977. 65009. 65013. 65020. 65022. 65024. 65037. 65040. 65049. 65175. 65184. 65185. 65186. 65212. 65213. 65214. 65392. 65435. 65625. 65795. 67259. 67786. 67901. 67916. 67917. 67926. 67929. 67931. 67938. 67957. 67987. 67988. 68099. 68128. 68147. 68205. 68227. 68338. 68369. 68370. 68371. 68372. 68385. 68393. 68487. 68561. 68562. 68578. 68581. 68618. 68630. 68697. 68848. 68855. 68856. 68880. 68883. 68936. 68939. 69095. 69272. 69478. 69589. 69590. 69694. 69894. 70035. 70510. 72005. 72182. 72555. 72576. 72762. 72796. 72968. 73531. 73752. 75019.

#### Extension of the term of Patent

(1)

The petition for extension of the term of patent No. 35546 filed by Dufay Limited and notified in Part III, Section 2, of the Gazette of India dated the 28th April, 1962, has been rejected by the Central Government.

(2)

The petition for extension of the term of patent No. 37405 filed by Poerio Carpigiani and notified in Part III, Section 2 of the Gazette of India dated the 8th December 1962, has been rejected by the Central Government.

(3)

The petition for extension of the term of patent No. 37454 filed by William Muir Robb and notified in Part III, Section 2 of the Gazette of India dated the 15th December 1962, has been rejected by the Central Government.

(4)

The petition for extension of the term of patent No. 38482 filed by Armand Blaton and Emile Blaton and notified in Part III, Section 2 of the Gazette of India dated the 7th July 1962, has been rejected by the Central Government.

Class 1. No. 115814. Narsingh Dass Kungi Lal, Bada Bazar, Hardwar (U.P.), India, An Indian Partnership concern, "Water pitcher", October 26, 1962.

Class 1. No. 117000. Kudukunj Raghunath Pai, An Indian Citizen, 21, Labernum Road, Bombay-7, Maharashtra, India, "A hammer", February 11, 1963.

Class 1. No. 117083. Laxmi & Co., An Indian Partnership firm, 84/115, Carvalho Nagar, Kanpur, Uttar Pradesh, India, "Container", February 15, 1963.

Class 1. No. 117088. Megh Raj and Roshan Lal, 5690/4, Gandhi Market, Sadar Bazar, Delhi-6, Indian Nationals, "Frame for looking glass", February 18, 1963.

Class 1. No. 117194. Kumar Hanumantrao Mohite, An Indian Citizen, Flat No. 110, 'Olympus', Altinount Road, Bombay-26, Maharashtra, India, "Wheeled chair", February 21, 1963.

Class 1. No. 117307. Murlidhar Padmanabh Koppikar, An Indian citizen, Bldg. No. 1, 3rd floor, Talmakiwadi, Tardeo Road, Bombay-7, Maharashtra, India, "Safety razor", March 6, 1963.

Class 1. No. 117344. Dunlop Rubber Company Limited, a British Company, Fort Dunlop, Erdington, Birmingham 24, England, "A wheel balancing machine", March 11, 1963.

Class 1. Nos. 117619 and 117621. Grant James Private Ltd., an Indian Company, 8A & B, Lower Rawdon Street, Calcutta-20, West Bengal, India, "A chair", March 28, 1963.

Class 3. No. 116933. Bombay Toys, An Indian Partnership firm, 212, Carnac Road, Bombay-2, Maharashtra, India, "Toy cart", February 4, 1963.

Class 3. Nos. 117239 and 117240. General Radio Corporation, An Indian firm, 2/2, Jhandewala Industrial Scheme, New Delhi-1, "Radio cabinet", February 25, 1963.

Class 3. No. 117562. Synthetic Moulders Limited, an Indian Company, 53 Netaji Subhas Road, Calcutta 1, "Conibs", March 23, 1963.

Class 3. Nos. 117620 and 117622. Grant James Private Ltd., an Indian Company, 8A & B, Lower Rawdon Street, Calcutta 20, West Bengal, India, "A chair", March 28, 1963.

Class 3. No. 117647. Sidney Geoffrey Young, a British Subject, 154 Blackfriars Road, London S. E. 1, England, "A feeding bottle", March 30, 1963.

Class 3. No. 117651. Dunlop Rubber Company, Limited, a British Company, Fort Dunlop, Erdington, Birmingham 24, England, "A tyre for a vehicle wheel", November 17, 1962 (United Kingdom).

Class 4. No. 117153. Bombay Pencils Pvt. Ltd., Indian Company, Kamer Building, Cowasji Patel Street, Fort, Bombay-1, Maharashtra, India, "Bottles" February 18, 1963.

Class 4. No. 117522. Renol Industries, 19, Karel Wadi Gita Bhuvan, Thakurdwar, Bombay-2, Maharashtra, Indian Co., "Bottles", March 19, 1963.

Class 5. No. 117436. Meerut Hosiery Factory (An Indian concern), 240-Post Office Street, Sadar Bazar, Delhi, "Wrapper", March 16, 1963.

Class 9. Nos. 117345 and 117346. Hindustan Name Labels & Lace Co. Hemla Nagar, Mathura Road, Faridabad, (Punjab), Indian Partnership firm, "Lace", March 12, 1963.

Class 13. No. 117435. Sovrin Knit Works, 18, Lawrence Road, Amritsar, a registered firm, "Textile goods" March 16, 1963.

Class 13. Nos. 117563 to 117566. The Bombay Dyeing & Mfg. Co. Ltd. an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay 1, "Cotton textiles", April 25, 1963.

Class 13. Nos. 117671 to 117684, 117686 to 117694 and 117696 to 117698. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay 13, "Cotton piecegoods", April 6, 1963.

Class 13. Nos. 117883 to 117887. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", April 26, 1963.

Class 13. Nos. 117888 and 117889. Ramchandra Gopaldas Marda, 938, Phaltan Galli, Sholapur, Maharashtra State, "Chaddars", April 26, 1963.

Class 13. Nos. 117914 to 117929. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay 13, "Cotton piecegoods", April 27, 1963.

Class 13. Nos. 117930 to 117938. Shree Ram Mills Ltd., Fergusson Road, Bombay-13, a Company incorporated under the laws of India, "Textile goods", April 29, 1963.

Class 14. No. 117633. Rajesh Textile Mills Ltd., being the Company registered under the Companies Act 1956, Fergusson Road, Lower Parel, Bombay 13, "Textile goods", March 29, 1963.

Class 14. No. 117685. The Shree Niwas Cotton Mills, Ltd., an Indian Firm, Delisle Road, Bombay 13, "Cotton piecegoods", April 6, 1963.

**Copyright Extended for a Second Period of Five Years**

Design No. 95499, Class 1.

Design No. 116158, Class 1.

Design No. 95500, Class 3.

**Copyright Extended for a Third Period of Five Years**

Design No. 116158, Class 1.

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